Rathbone, Colleen

Colleen Rathbone < Rathbone. Colleen@epamail.epa.gov> From:

Sent: Tuesday, April 28, 2015 4:52 PM

To: Rathbone, Colleen

Subject: Fw: Example of CO issued NPDES permit for oil and gas

Colleen (Gillespie) Rathbone Wastewater Unit Chief U.S. EPA, Region 8 Phone: 303-312-6133

----- Forwarded by Colleen Rathbone/R8/USEPA/US on 04/28/2015 04:51 PM -----

From: Js Wilson/DC/USEPA/US To: Elaine Lai/R8/USEPA/US@EPA

Cc: Kent.Bruce@epa.gov, Gillespie.Colleen@epa.gov

Date: 06/18/2012 09:12 AM

Fax: 303-312-6116

Subject: Re: Fw: Example of CO issued NPDES permit for oil and gas

I figured I was the last to know. I'm wrong again. I think I saw an email from Bruce on the FOIA.

Scott Wilson, Energy Coordinator Industrial Permits Branch (4203M) Office of Wastewater Management U.S. Environmental Protection Agency 1200 Pennsylvania Ave., NW Washington, DC 20460 202-564-6087

Elaine Lai---06/18/2012 11:05:20 AM---I am not aware of an NPR FOIA? From: Js Wilson/DC/USEPA/US

From: Elaine Lai/R8/USEPA/US To: Js Wilson/DC/USEPA/US@EPA

Cc: Kent.Bruce@epa.gov, Gillespie.Colleen@epa.gov

Date: 06/18/2012 11:05 AM

Subject: Re: Fw: Example of CO issued NPDES permit for oil and gas

I am not aware of an NPR FOIA?

 $^{
m T}$ Js Wilson---06/18/2012 08:41:26 AM---Thanks. It looks like 13 facilities. I think Region 8 is the lead for an NPR FOIA. This file alo

From: Js Wilson/DC/USEPA/US To: Elaine Lai/R8/USEPA/US@EPA

Date: 06/18/2012 08:41 AM

Subject: Re: Fw: Example of CO issued NPDES permit for oil and gas

Thanks. It looks like 13 facilities.

I think Region 8 is the lead for an NPR FOIA. This file along with the others we traded should answer their first question

of how many Subpart E facilities are permitted. Are you sending them these lists?

Scott Wilson, Energy Coordinator Industrial Permits Branch (4203M) Office of Wastewater Management U.S. Environmental Protection Agency 1200 Pennsylvania Ave., NW Washington, DC 20460 202-564-6087

Elaine Lai---06/18/2012 10:33:29 AM----Updated list of CO Oil and Gas / CBM Permits ----- Forwarded by Elaine Lai/R8/USEPA/US on 06/18/201

From: Elaine Lai/R8/USEPA/US To: Js Wilson/DC/USEPA/US@EPA

Date: 06/18/2012 10:33 AM

Subject: Fw: Example of CO issued NPDES permit for oil and gas

Updated list of CO Oil and Gas / CBM Permits

---- Forwarded by Elaine Lai/R8/USEPA/US on 06/18/2012 08:32 AM -----

From: "Neuhart, Andrew" < Andrew. Neuhart@dphe.state.co.us>

To: Elaine Lai/R8/USEPA/US@EPA

Date: 06/18/2012 07:51 AM

Subject: FW: Example of CO issued NPDES permit for oil and gas

Elaine,

I believe this is the latest and greatest list we have. We were working on getting some of those SIC codes changed for a few of those you had listed below. If you have questions please feel free to call me.

Andrew

Andrew Neuhart
Assessment Based Permits Unit Manager
Water Quality Control Division
Colorado Department of Public Health and Environment
4300 Cherry Creek Drive South
Denver, CO 80246-1530
303-692-3655 | andrew.neuhart@state.co.us

Please visit our website at www.coloradowaterpermits.com



From: Elaine Lai [mailto:Lai.Elaine@epamail.epa.gov]

Sent: Wednesday, June 13, 2012 10:51 AM

To: Neuhart, Andrew

Subject: RE: Example of CO issued NPDES permit for oil and gas

Another clarification question: how many individual permits exist for traditional oil and gas vs. coal bed methane in CO? A quick pull in our system under SIC Code 1311 identified about 25 (below) (though not sure how many of those are traditional oil and gas vs. CBM). Is this accurate?

CO0048003 Pioneer Natural Resources USA Inc CO0048020 Petroglyph Operation Co CO0048054 XTO Energy Inc CO0048062 XTO Energy Inc CO0048089 Red River Ranch Holdings LLC CO0048712 Lone Pine Gas Inc CO0048739 BOPCO LP		
CO0047776 Pioneer Natural Resources USA Inc CO0048003 Pioneer Natural Resources USA Inc CO0048020 Petroglyph Operation Co CO0048054 XTO Energy Inc CO0048062 XTO Energy Inc CO0048089 Red River Ranch Holdings LLC CO0048712 Lone Pine Gas Inc CO0048739 BOPCO LP CO0048816 Occidental Oil Shale Inc CO0048843 Pioneer Natural Resources USA, Inc. COG600465 Rampart Energy Co COG600467 Colorado Springs Utilities COG600476 Andrikopoulos A G Resources COG600493 Ritchie Exploration Inc COG600537 Timka Resuorces COG600033 Encana Oil & Gas (USA) COG601033 Red Mountain Resources COG840001 Produced Water Solutions Inc COG840002 GreenBack Produced Water Recovery LLC COG840001 Ritchie Exploration Inc COG840001 Ritchie Exploration Inc	CO0000051	POC-1 LLC
CO0047911 Delta Petroleum Corp CO0048003 Pioneer Natural Resources USA Inc CO0048020 Petroglyph Operation Co CO0048054 XTO Energy Inc CO0048062 XTO Energy Inc CO0048089 Red River Ranch Holdings LLC CO0048712 Lone Pine Gas Inc CO0048739 BOPCO LP CO0048816 Occidental Oil Shale Inc CO0048843 Pioneer Natural Resources USA, Inc. COG600465 Rampart Energy Co COG600467 Colorado Springs Utilities COG600476 Andrikopoulos A G Resources COG600493 Ritchie Exploration Inc COG600537 Timka Resucres COG600633 Encana Oil & Gas (USA) COG840001 Produced Water Solutions Inc COG840002 GreenBack Produced Water Recovery LLC COG840008 Renegade Oil & Gas Company LLC COG8400011 Ritchie Exploration Inc	CO0047767	Pioneer Natural Resources USA
CO0048003 Pioneer Natural Resources USA Inc CO0048020 Petroglyph Operation Co CO0048054 XTO Energy Inc CO0048062 XTO Energy Inc CO0048089 Red River Ranch Holdings LLC CO0048712 Lone Pine Gas Inc CO0048739 BOPCO LP CO0048816 Occidental Oil Shale Inc CO0048843 Pioneer Natural Resources USA, Inc. COG600465 Rampart Energy Co COG600467 Colorado Springs Utilities COG600476 Andrikopoulos A G Resources COG600493 Ritchie Exploration Inc COG600633 Encana Oil & Gas (USA) COG601033 Red Mountain Resources COG601030 Red Mountain Resources COG840001 Produced Water Solutions Inc COG840002 GreenBack Produced Water Recovery LLC COG840001 Ritchie Exploration Inc COG840001 Ritchie Exploration Inc	CO0047776	Pioneer Natural Resources USA Inc
CO0048020 Petroglyph Operation Co CO0048054 XTO Energy Inc CO0048062 XTO Energy Inc CO0048089 Red River Ranch Holdings LLC CO0048712 Lone Pine Gas Inc CO0048739 BOPCO LP CO0048816 Occidental Oil Shale Inc CO0048843 Pioneer Natural Resources USA, Inc. COG600465 Rampart Energy Co COG600467 Colorado Springs Utilities COG600476 Andrikopoulos A G Resources COG600493 Ritchie Exploration Inc COG600537 Timka Resuorces COG601033 Encana Oil & Gas (USA) COG800001 Produced Water Solutions Inc COG840002 GreenBack Produced Water Recovery LLC COG840008 Renegade Oil & Gas Company LLC COG8400011 Ritchie Exploration Inc	CO0047911	Delta Petroleum Corp
CO0048054 XTO Energy Inc CO0048062 XTO Energy Inc CO0048089 Red River Ranch Holdings LLC CO0048712 Lone Pine Gas Inc CO0048739 BOPCO LP CO0048816 Occidental Oil Shale Inc CO0048843 Pioneer Natural Resources USA, Inc. COG600465 Rampart Energy Co COG600467 Colorado Springs Utilities COG600476 Andrikopoulos A G Resources COG600493 Ritchie Exploration Inc COG600537 Timka Resuorces COG601033 Encana Oil & Gas (USA) COG601033 Red Mountain Resources COG840001 Produced Water Solutions Inc COG840002 GreenBack Produced Water Recovery LLC COG840008 Renegade Oil & Gas Company LLC COG8400011 Ritchie Exploration Inc	CO0048003	Pioneer Natural Resources USA Inc
CO0048062 XTO Energy Inc CO0048089 Red River Ranch Holdings LLC CO0048712 Lone Pine Gas Inc CO0048739 BOPCO LP CO0048816 Occidental Oil Shale Inc CO0048843 Pioneer Natural Resources USA, Inc. COG600465 Rampart Energy Co COG600467 Colorado Springs Utilities COG600476 Andrikopoulos A G Resources COG600493 Ritchie Exploration Inc COG600537 Timka Resuorces COG600633 Encana Oil & Gas (USA) COG601033 Red Mountain Resources COG840001 Produced Water Solutions Inc COG840002 GreenBack Produced Water Recovery LLC COG840008 Renegade Oil & Gas Company LLC COG840011 Ritchie Exploration Inc	CO0048020	Petroglyph Operation Co
Red River Ranch Holdings LLC CO0048712 Lone Pine Gas Inc CO0048739 BOPCO LP CO0048816 Occidental Oil Shale Inc CO0048843 Pioneer Natural Resources USA, Inc. COG600465 Rampart Energy Co COG600467 Colorado Springs Utilities COG600476 Andrikopoulos A G Resources COG600493 Ritchie Exploration Inc COG600537 Timka Resuorces COG600633 Encana Oil & Gas (USA) COG601033 Red Mountain Resources COG840001 Produced Water Solutions Inc COG840002 GreenBack Produced Water Recovery LLC COG840008 Renegade Oil & Gas Company LLC COG840001 Ritchie Exploration Inc	CO0048054	XTO Energy Inc
CO0048712 Lone Pine Gas Inc CO0048739 BOPCO LP CO0048816 Occidental Oil Shale Inc CO0048843 Pioneer Natural Resources USA, Inc. COG600465 Rampart Energy Co COG600467 Colorado Springs Utilities COG600476 Andrikopoulos A G Resources COG600493 Ritchie Exploration Inc COG600537 Timka Resuorces COG600633 Encana Oil & Gas (USA) COG601033 Red Mountain Resources COG840001 Produced Water Solutions Inc COG840002 GreenBack Produced Water Recovery LLC COG840008 Renegade Oil & Gas Company LLC COG840001 Ritchie Exploration Inc	CO0048062	XTO Energy Inc
CO0048739 BOPCO LP CO0048816 Occidental Oil Shale Inc CO0048843 Pioneer Natural Resources USA, Inc. COG600465 Rampart Energy Co COG600467 Colorado Springs Utilities COG600476 Andrikopoulos A G Resources COG600493 Ritchie Exploration Inc COG600537 Timka Resuorces COG600633 Encana Oil & Gas (USA) COG601033 Red Mountain Resources COG840001 Produced Water Solutions Inc COG840002 GreenBack Produced Water Recovery LLC COG840008 Renegade Oil & Gas Company LLC COG840011 Ritchie Exploration Inc	CO0048089	Red River Ranch Holdings LLC
CO0048843 Pioneer Natural Resources USA, Inc. COG600465 Rampart Energy Co COG600467 Colorado Springs Utilities COG600476 Andrikopoulos A G Resources COG600493 Ritchie Exploration Inc COG600537 Timka Resuorces COG600633 Encana Oil & Gas (USA) COG601033 Red Mountain Resources COG840001 Produced Water Solutions Inc COG840002 GreenBack Produced Water Recovery LLC COG840008 Renegade Oil & Gas Company LLC COG840011 Ritchie Exploration Inc	CO0048712	Lone Pine Gas Inc
CO0600465 Rampart Energy Co COG600467 Colorado Springs Utilities COG600476 Andrikopoulos A G Resources COG600493 Ritchie Exploration Inc COG600537 Timka Resuorces COG600633 Encana Oil & Gas (USA) COG601033 Red Mountain Resources COG840001 Produced Water Solutions Inc COG840002 GreenBack Produced Water Recovery LLC COG840008 Renegade Oil & Gas Company LLC COG840001 Ritchie Exploration Inc	CO0048739	BOPCO LP
COG600465 Rampart Energy Co COG600467 Colorado Springs Utilities COG600476 Andrikopoulos A G Resources COG600493 Ritchie Exploration Inc COG600537 Timka Resuorces COG600633 Encana Oil & Gas (USA) COG601033 Red Mountain Resources COG840001 Produced Water Solutions Inc COG840002 GreenBack Produced Water Recovery LLC COG840008 Renegade Oil & Gas Company LLC COG840001 Ritchie Exploration Inc	CO0048816	Occidental Oil Shale Inc
COG600467 Colorado Springs Utilities COG600476 Andrikopoulos A G Resources COG600493 Ritchie Exploration Inc COG600537 Timka Resuorces COG600633 Encana Oil & Gas (USA) COG601033 Red Mountain Resources COG840001 Produced Water Solutions Inc COG840002 GreenBack Produced Water Recovery LLC COG840008 Renegade Oil & Gas Company LLC COG840011 Ritchie Exploration Inc	CO0048843	Pioneer Natural Resources USA, Inc.
COG600476 Andrikopoulos A G Resources COG600493 Ritchie Exploration Inc COG600537 Timka Resuorces COG600633 Encana Oil & Gas (USA) COG601033 Red Mountain Resources COG840001 Produced Water Solutions Inc COG840002 GreenBack Produced Water Recovery LLC COG840008 Renegade Oil & Gas Company LLC COG840011 Ritchie Exploration Inc	COG600465	Rampart Energy Co
COG600493 Ritchie Exploration Inc COG600537 Timka Resuorces COG600633 Encana Oil & Gas (USA) COG601033 Red Mountain Resources COG840001 Produced Water Solutions Inc COG840002 GreenBack Produced Water Recovery LLC COG840008 Renegade Oil & Gas Company LLC COG840011 Ritchie Exploration Inc	COG600467	Colorado Springs Utilities
COG600537 Timka Resuorces COG600633 Encana Oil & Gas (USA) COG601033 Red Mountain Resources COG840001 Produced Water Solutions Inc COG840002 GreenBack Produced Water Recovery LLC COG840008 Renegade Oil & Gas Company LLC COG840011 Ritchie Exploration Inc	COG600476	Andrikopoulos A G Resources
COG600633 Encana Oil & Gas (USA) COG601033 Red Mountain Resources COG840001 Produced Water Solutions Inc COG840002 GreenBack Produced Water Recovery LLC COG840008 Renegade Oil & Gas Company LLC COG840011 Ritchie Exploration Inc	COG600493	Ritchie Exploration Inc
COG601033 Red Mountain Resources COG840001 Produced Water Solutions Inc COG840002 GreenBack Produced Water Recovery LLC COG840008 Renegade Oil & Gas Company LLC COG840011 Ritchie Exploration Inc	COG600537	Timka Resuorces
COG840001 Produced Water Solutions Inc COG840002 GreenBack Produced Water Recovery LLC COG840008 Renegade Oil & Gas Company LLC COG840011 Ritchie Exploration Inc	COG600633	Encana Oil & Gas (USA)
COG840002 GreenBack Produced Water Recovery LLC COG840008 Renegade Oil & Gas Company LLC COG840011 Ritchie Exploration Inc	COG601033	Red Mountain Resources
COG840008 Renegade Oil & Gas Company LLC COG840011 Ritchie Exploration Inc	COG840001	Produced Water Solutions Inc
COG840011 Ritchie Exploration Inc	COG840002	GreenBack Produced Water Recovery LLC
<u>'</u>	COG840008	Renegade Oil & Gas Company LLC
COG900006 Pioneer Natural Resources USA Inc	COG840011	Ritchie Exploration Inc
	COG900006	Pioneer Natural Resources USA Inc
COR05A071 Red Cedar Gathering Company, Coyote Gulch Gas Treating Plan	COR05A071	Red Cedar Gathering Company, Coyote Gulch Gas Treating Plan

[&]quot;Neuhart, Andrew" ---04/13/2012 11:27:29 AM---Elaine, A copy of our General Permit for Produced Water is available on our website. I have attache

From: "Neuhart, Andrew" < Andrew.Neuhart@dphe.state.co.us > To: Elaine Lai/R8/USEPA/US@EPA
Cc: "Kieler, Janet S." < Janet.Kieler@dphe.state.co.us > Date: 04/13/2012 11:27 AM

Subject: RE: Example of CO issued NPDES permit for oil and gas

Elaine,

A copy of our General Permit for Produced Water is available on our website. I have attached a couple of certifications that show how it has been applied for both a larger scale treatment facility and a small single oil well facility.

Additionally, here are copies of permits for Iles Dome (larger scale oil operation) and XTO (CBM permit in the raton basin).

Andrew Neuhart

Assessment Based Permits Unit Manager Permits Section, Water Quality Control Division 4300 Cherry Creek Drive South, Denver, CO 80246 303-692-3655 andrew.neuhart@state.co.us www.coloradowaterpermits.com